

Patent claims

1. Roll storage system for sheet-like objects, in particular banknotes, having a housing (10), in which a supply roll (12) for a storage film (20) and a storage roll (14) connected to said supply roll are mounted so that they can rotate, and each roll is coupled to a roll drive, the storage film (20) being guided between the supply roll (12) and the storage roll (14) over at least one deflection roller (26, 28, 30, 32), and having a guide device (34) for guiding sheet-like objects into and out of the coil (24) on the storage roll (12), characterized in that the guide device comprises a conveyor table (34) which can be pivoted about a pivot pin (38) fixed to the housing and can be adjusted parallel to the conveying direction (B), on which table there is arranged a transfer conveyor (48) for guiding sheet-like objects into the coil (24) and for removing sheet-like objects from the coil (24) on the storage roll (14).
2. Roll storage system according to Claim 1, characterized in that the conveyor table (34) is guided by at least one extension (40, 42) in a slot guide (44, 46) fixed to the housing, in such a way that during a pivoting movement it is forcibly displaced parallel to the conveying direction (B).
3. Roll storage system according to Claim 1 or 2, characterized in that the transfer end of the conveyor table (34), remote from the pivot pin (38), is

pretensioned so as to rest on the coil (24) on the storage roll (14).

4. Roll storage system according to one of Claims 1 to 3, characterized in that the transfer conveyor (48) comprises a belt conveyor (50) having at least one endless belt (52) and supporting and back-pressure rollers (68, 70) interacting therewith.

5. Roll storage system according to Claim 4, characterized in that the endless belt (52) of the belt conveyor (50) is guided over a first roller (54), mounted coaxially with respect to the pivot pin (38) of the conveyor table (34), and over a second roller (56), mounted on the conveyor table (34).

6. Roll storage system according to Claim 5, characterized in that the endless belt (52) is guided over a tensioning device (59, 60, 64, 66).

7. Roll storage system according to Claim 5 or 6, characterized in that the second roller (56) of the belt conveyor (50) is arranged coaxially with respect to a deflection roller (32) of the storage film (20) and is fixed so that it rotates with said roller.